

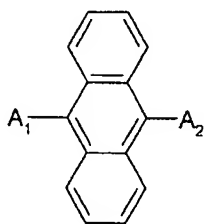
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An organic electroluminescent device, comprising:
a substrate;
a first and second electrodes formed on the substrate;
a light-emitting layer formed between the first electrode and the second electrode;
and
a hole-blocking layer formed between the light-emitting layer and the second electrode and using a material of a chemical formula 1.

[Chemical formula 1]



Wherein, at least one of A₁ and A₂ is selected from a substituted ~~or non-~~ substituted aromatic group, a heterocyclic group, an aliphatic group, halogen, and hydrogen, wherein structures of A₁ and A₂ are the same or different from each other, wherein at least one

Serial No. 10/779,875

Docket No. K-0611

Amendment dated November 17, 2006

Reply to Office Action of May 25, 2006

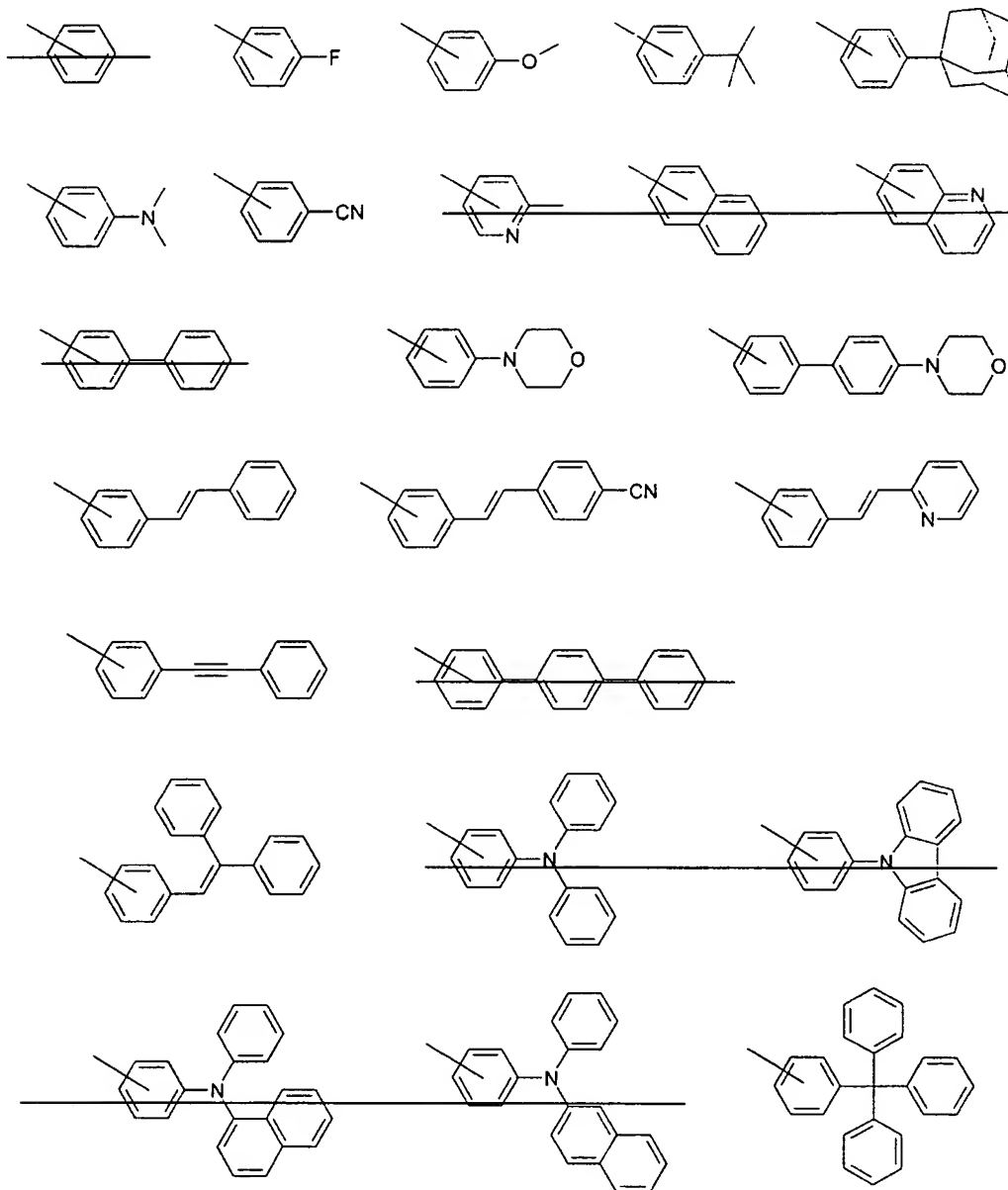
of A1 and A2 is selected from phenyl, biphenyl, pyridyl, naphthyl, quinolyl, isoquinolyl, fluorenyl, terphenyl, methyl, ethyl, propyl, isopropyl, and halogen groups, wherein a substitute of the A1 and A2 is at least one selected from aryl, alkyl, aryloxy, alkoxy, ~~arylamino, alkylamino,~~ hydroxyl, ~~amino,~~ halogen and cyano group, wherein a substitute of the A1 and A2 is at least one selected from phenyl, biphenyl, triphenyl, phenylethenyl, diphenylethenyl, phenylethynyl, phenoxy, tolyoxy, vinyl, methyl, ethyl, propyl, isopropyl, t-butyl, cyclohexyl, ~~diphenylamino,~~ morpholinyl, methoxy, ethoxy, propoxy, butoxy, dimethylamino, ~~diphenylamino,~~ fluorine and chlorine group.

Claims 2-5. (Canceled)

6. (Currently Amended) The organic electroluminescent device of claim 1, wherein at least one of the A1 and A2 is one of the following chemical formulas 2.

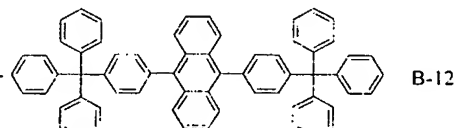
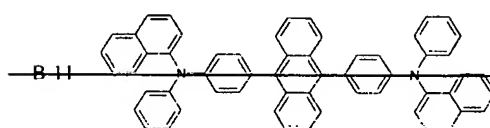
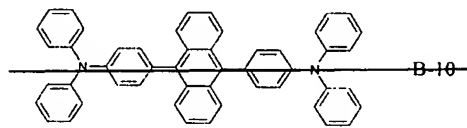
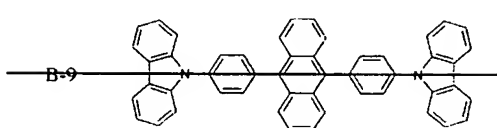
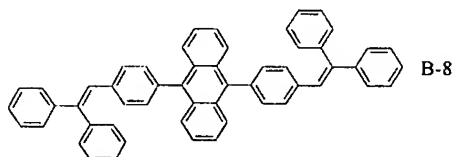
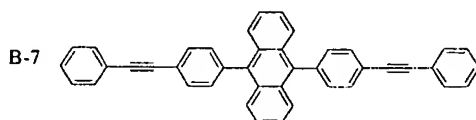
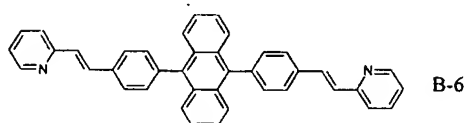
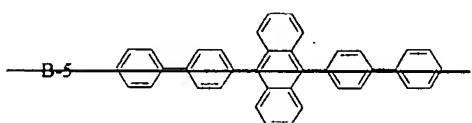
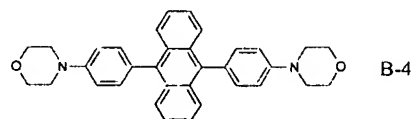
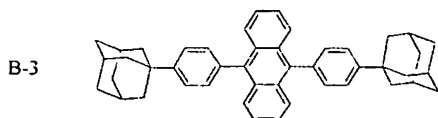
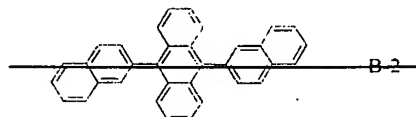
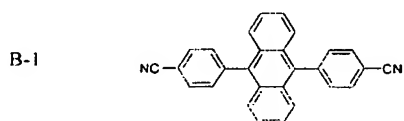
Docket No. **K-0611**

Reply to Office Action of May 25, 2006



Amendment dated **November 17, 2006**Reply to Office Action of **May 25, 2006**

7. (Currently Amended) The organic electroluminescent device of claim 1, wherein a material of the hole-blocking layer is one of the following chemical formulas 3.

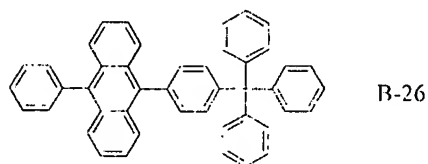
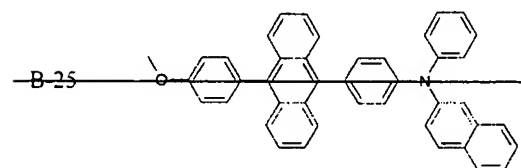
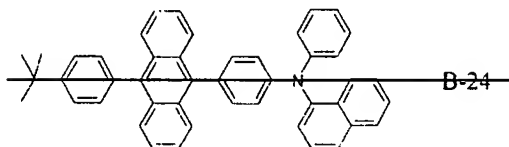
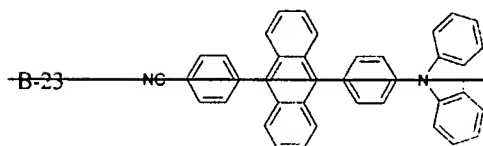
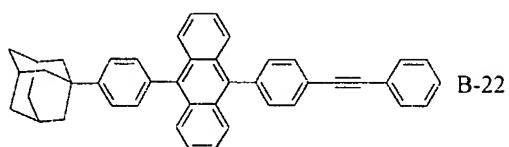
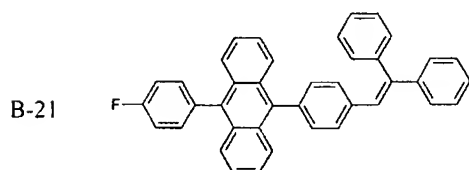
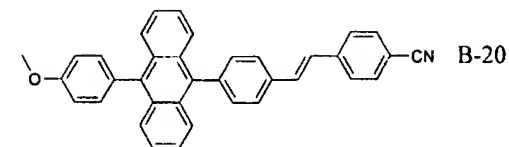
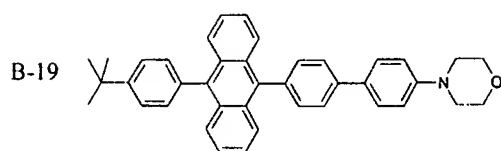
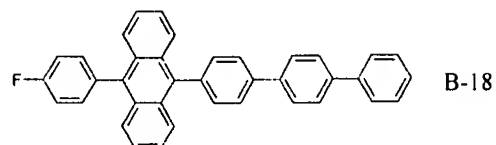
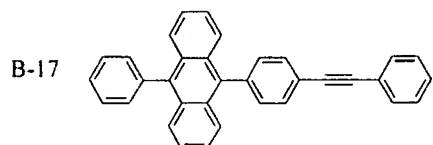
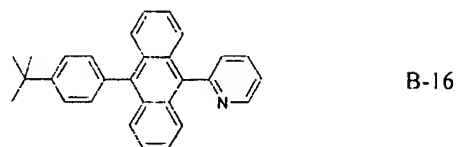
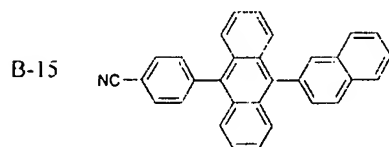
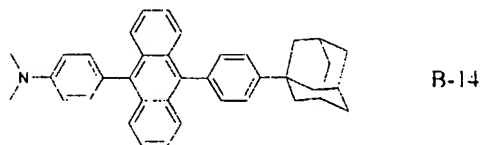
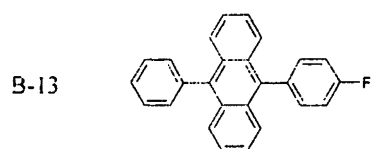


Serial No. 10/779,875

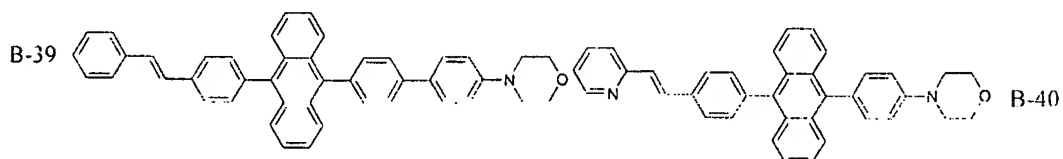
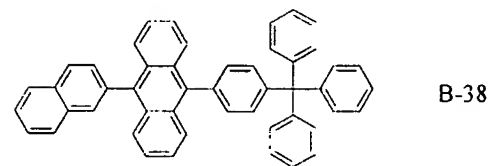
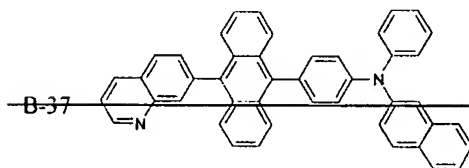
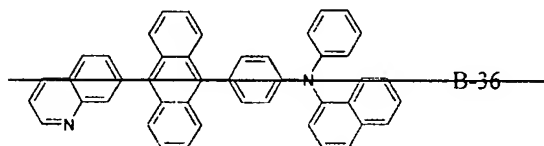
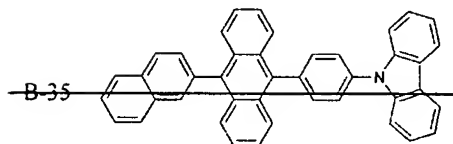
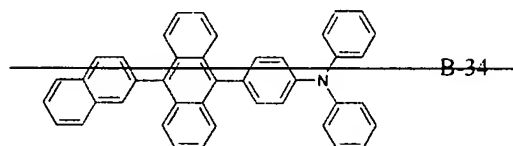
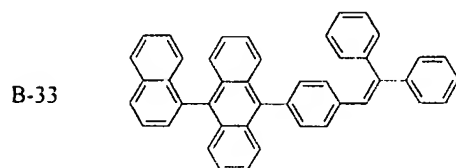
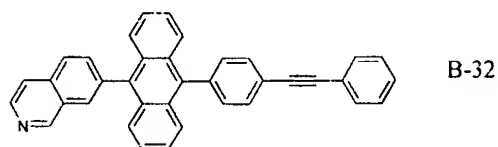
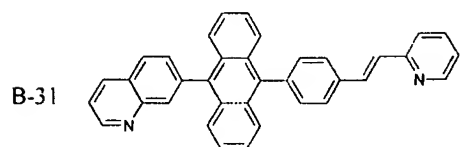
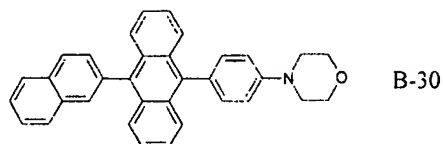
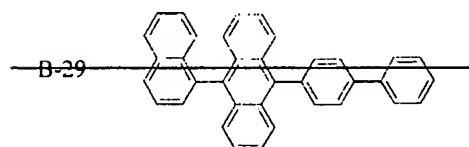
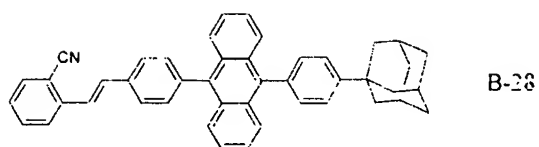
Docket No. K-0611

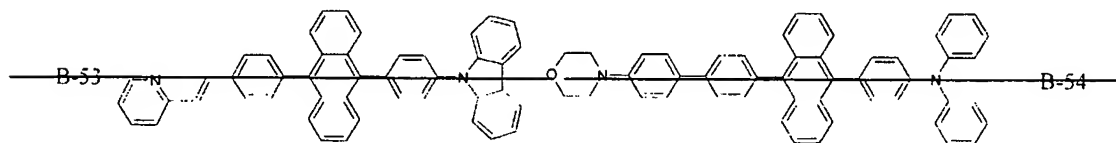
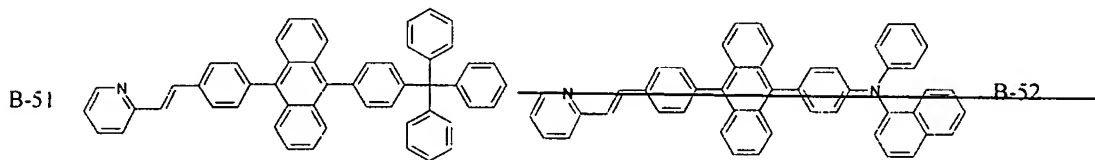
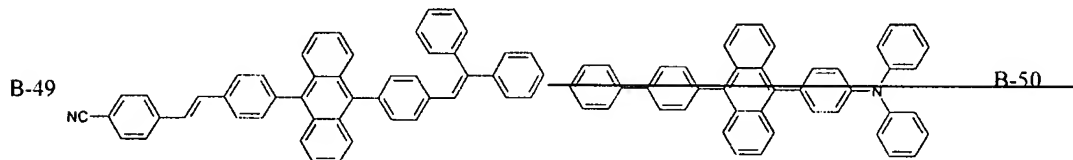
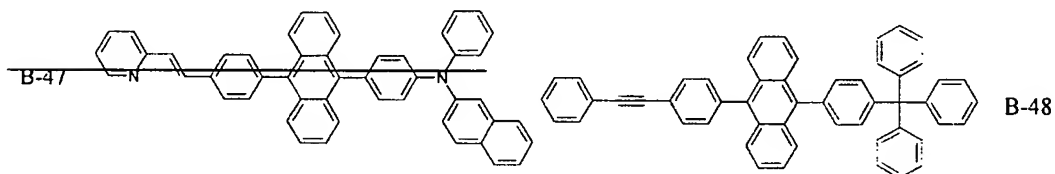
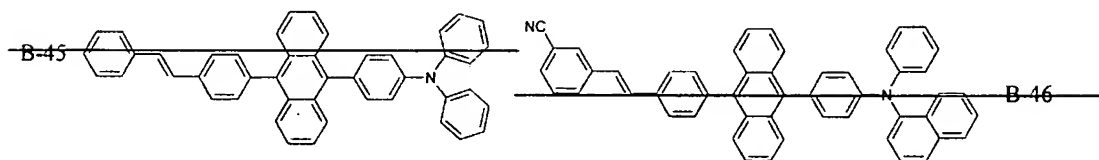
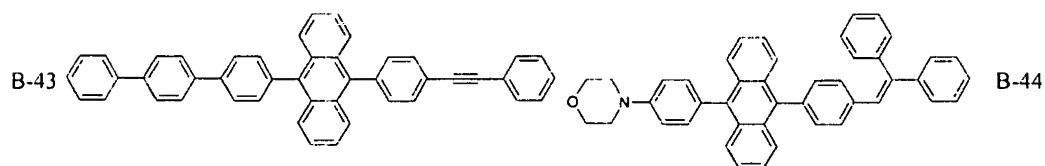
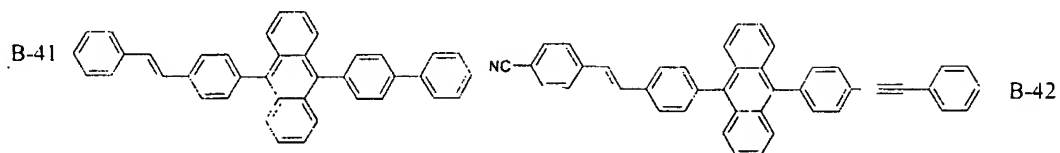
Amendment dated November 17, 2006

Reply to Office Action of May 25, 2006



Reply to Office Action of May 25, 2006

Docket No. **K-0611**

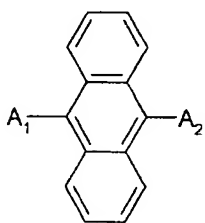


Reply to Office Action of May 25, 2006

Docket No. **K-0611**

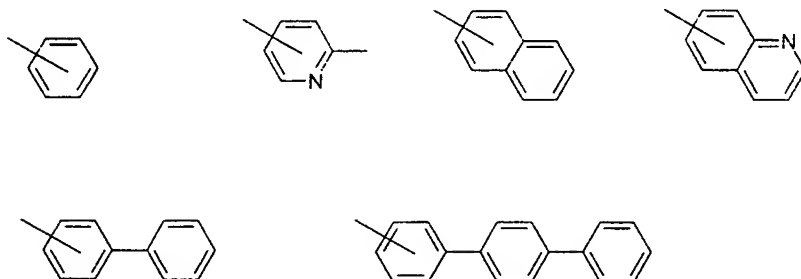
8. (New) An organic electroluminescent device, comprising:
- a substrate;
 - a first and second electrodes formed on the substrate;
 - a light-emitting layer formed between the first electrode and the second electrode;
- and
- a hole-blocking layer formed between the light-emitting layer and the second electrode and using a material of a chemical formula 4.

[Chemical formula 4]



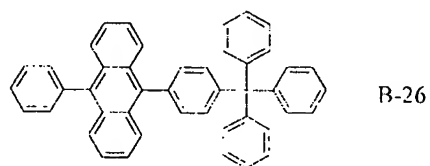
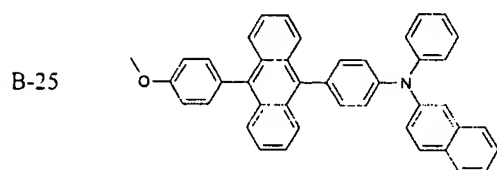
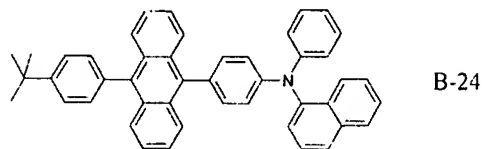
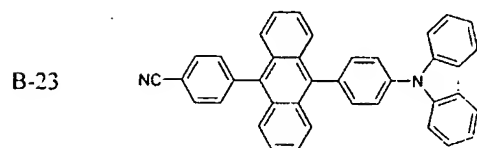
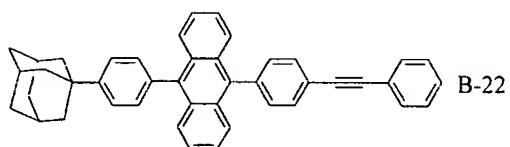
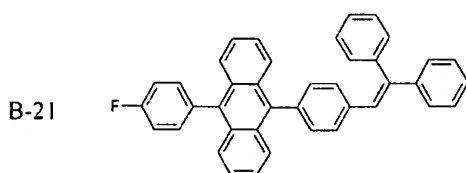
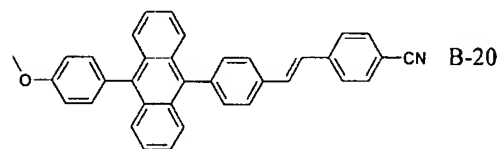
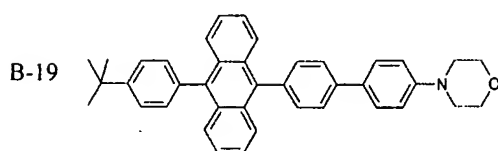
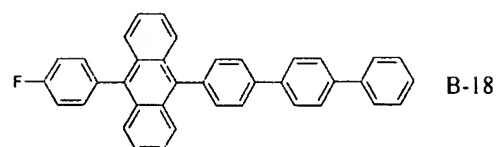
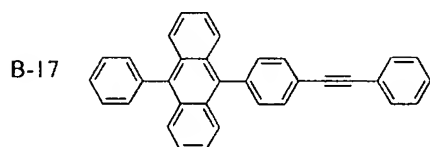
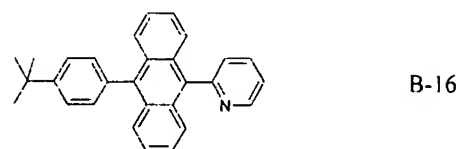
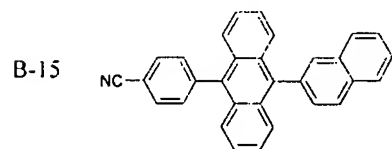
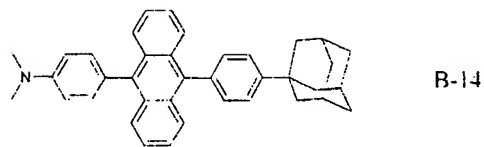
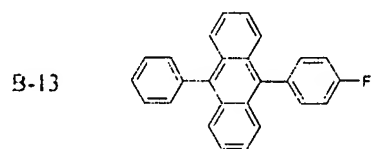
Wherein, at least one of A1 and A2 is selected from a non-substituted aromatic group, a heterocyclic group, an aliphatic group, halogen, and hydrogen, wherein structures of A1 and A2 are the same or different from each other, wherein at least one of A1 and A2 is selected from phenyl, biphenyl, pyridyl, naphthyl, quinolyl, isoquinolyl, fluorenyl, terphenyl, methyl, ethyl, propyl, isopropyl, and halogen groups.

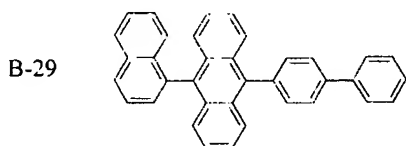
9. (New) The organic electroluminescent device of claim 8, wherein at least one of the A1 and A2 is one of the following chemical formulas 5.



10. (New) The organic electroluminescent device of claim 8, wherein a material of the hole-blocking layer is one of the following chemical formulas 6.

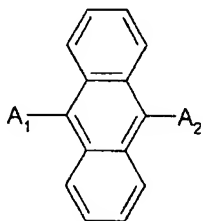






11. (New) An organic electroluminescent device, comprising:
- a substrate;
 - a first and second electrodes formed on the substrate;
 - a light-emitting layer formed between the first electrode and the second electrode;
- and
- a hole-blocking layer formed between the light-emitting layer and the second electrode and using a material of a chemical formula 7.

[Chemical formula 7]



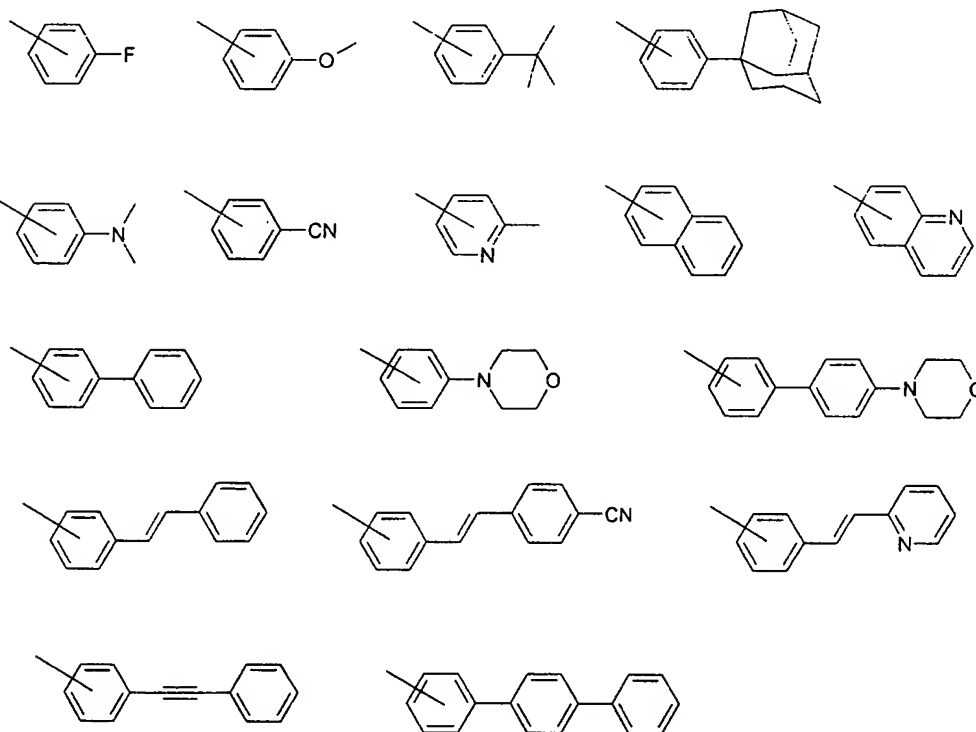
Wherein, at least one of A₁ and A₂ is selected from a substituted aromatic group, a heterocyclic group, an aliphatic group, halogen, and hydrogen, wherein structures of A₁ and A₂ are the same or different from each other, wherein at least one of A₁ and A₂ is selected from phenyl, biphenyl, pyridyl, naphthyl, quinolyl, isoquinolyl, fluorenyl, terphenyl, methyl, ethyl, propyl, isopropyl, and halogen groups, wherein a substitute of the A₁ and A₂ is at least one

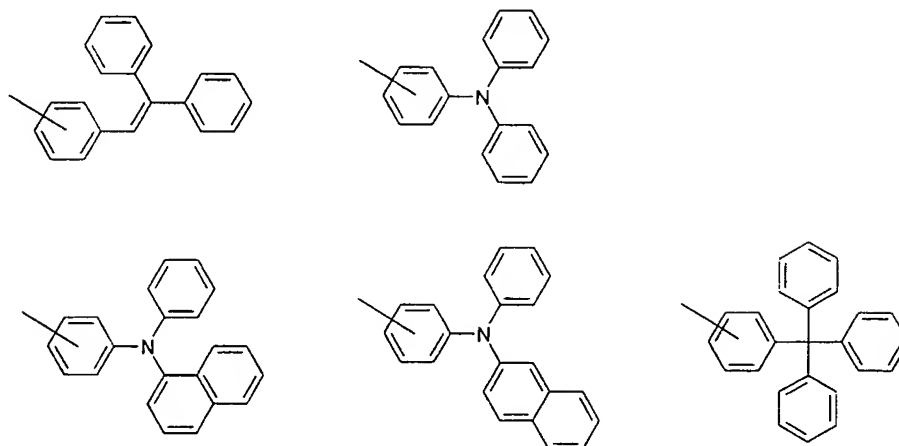
Amendment dated **November 17, 2006**Reply to Office Action of **May 25, 2006**

delete, no text changes since new.

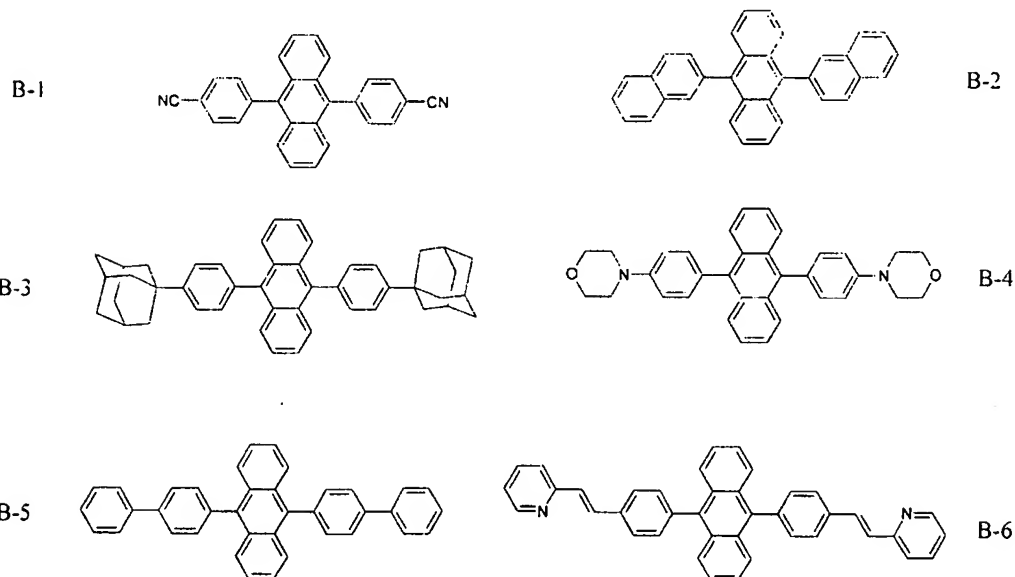
selected from aryl, alkyl, aryloxy, alkoxy, ~~arylamino, alkylamino~~-hydroxyl, ~~amino~~, halogen and cyano group, wherein a substitute of the A1 and A2 is at least one selected from phenyl, biphenyl, triphenyl, phenylethenyl, diphenylethenyl, phenylethynyl, phenoxy, tolyoxy, vinyl, methyl, ethyl, propyl, isopropyl, t-butyl, cyclohexyl, diphenylamino, morpholinyl, methoxy, ethoxy, propoxy, butoxy, dimethylamino, fluorine and chlorine group, wherein the diphenylamino ~~group~~ does not include a carbazolyl group.

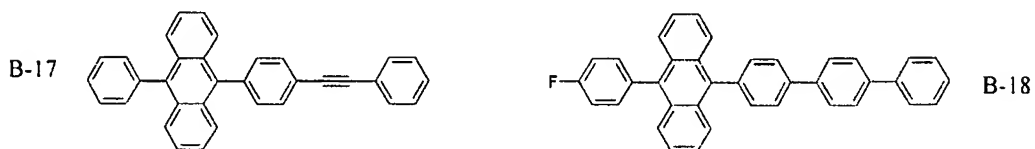
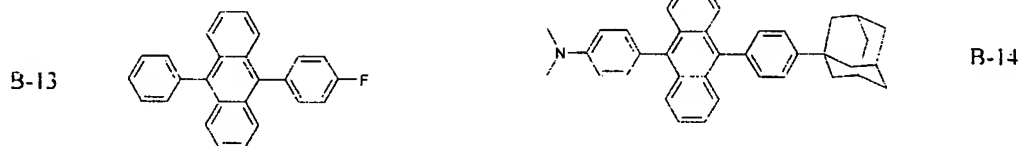
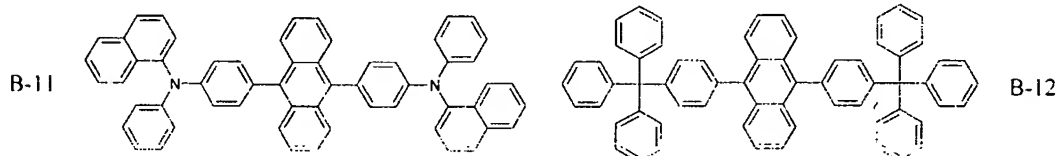
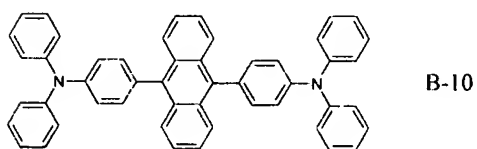
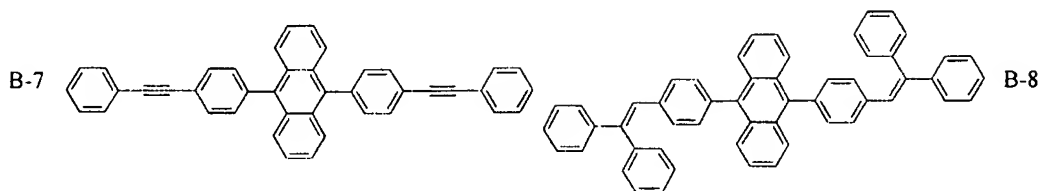
12. (New) The organic electroluminescent device of claim 1, wherein at least one of the A1 and A2 is one of the following chemical formulas 8.

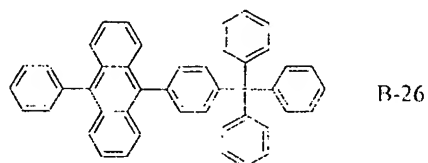
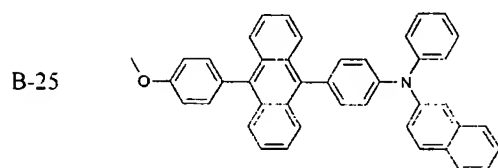
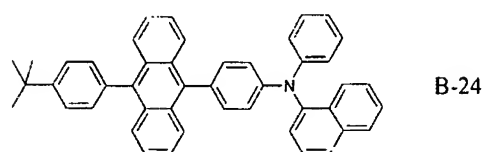
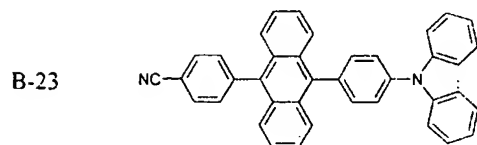
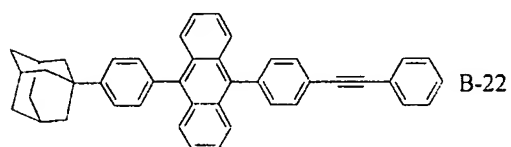
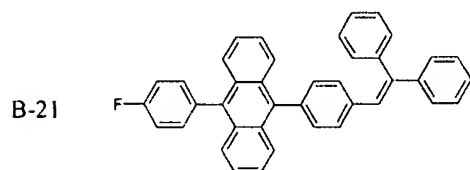
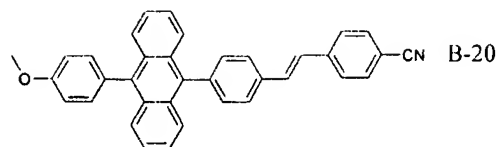
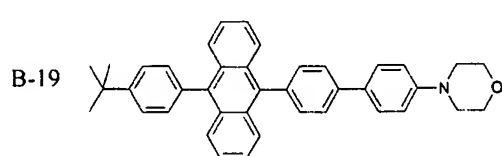


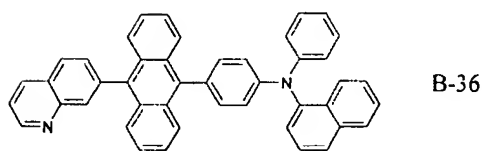
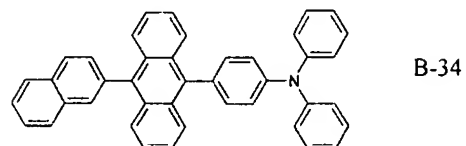
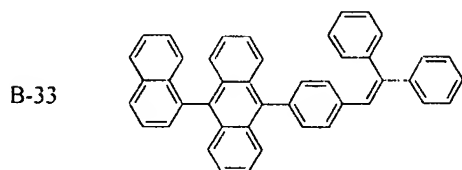
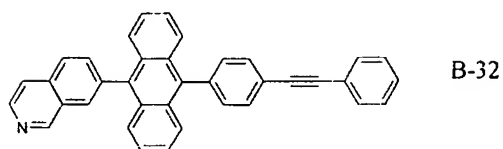
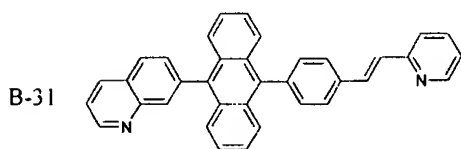
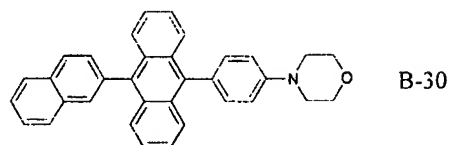
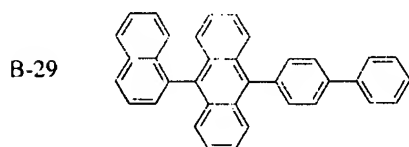
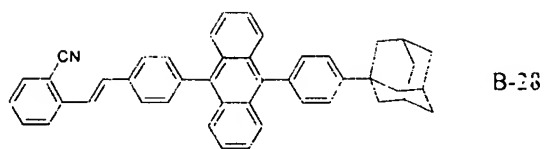
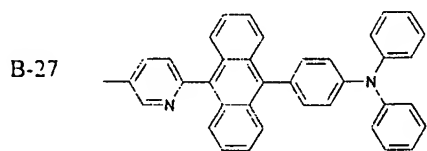


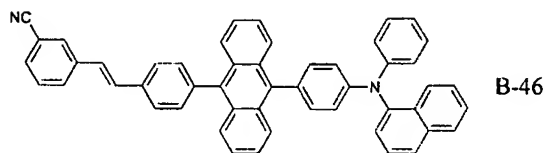
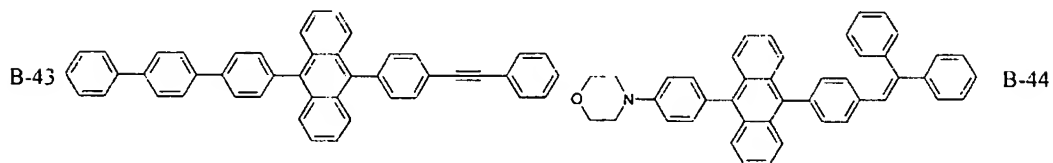
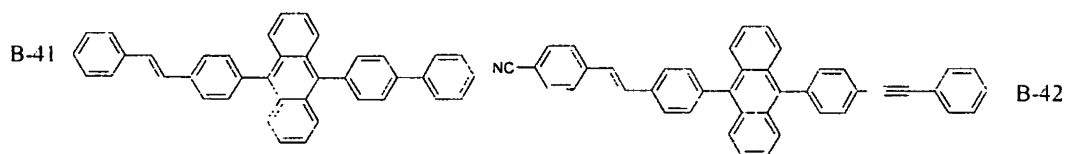
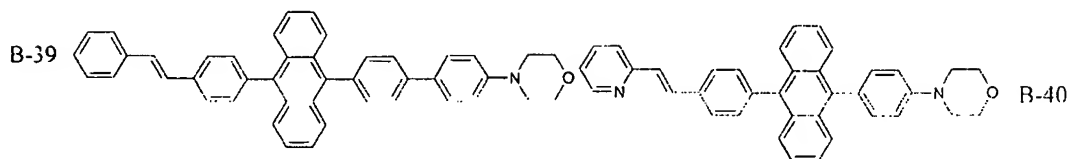
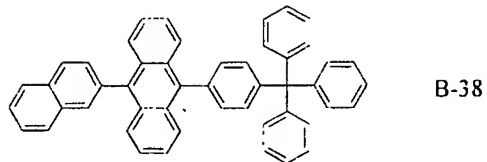
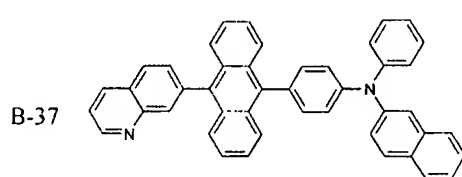
- of the hole-blocking layer is one of the following chemical formulas 9.

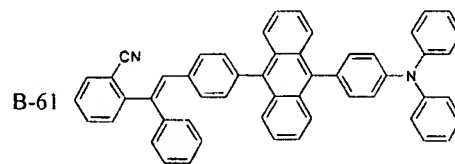
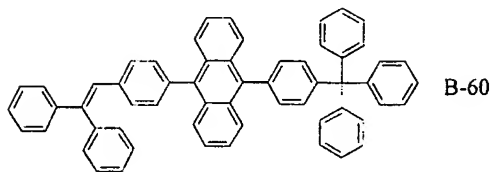
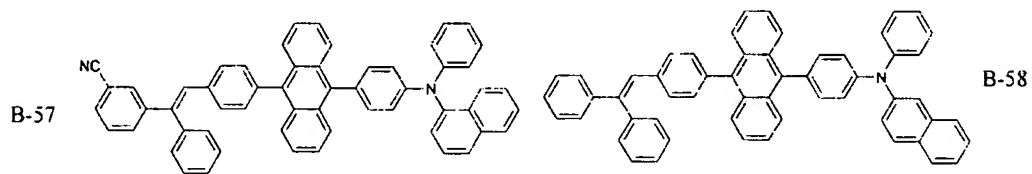
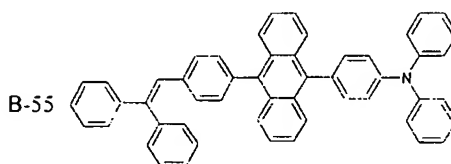
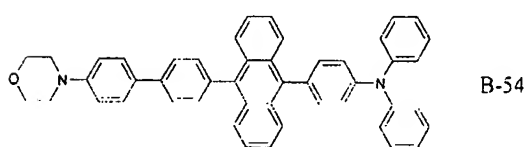
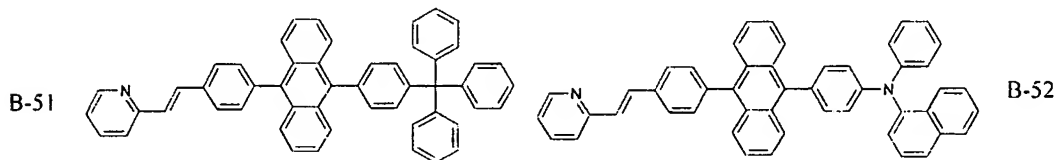
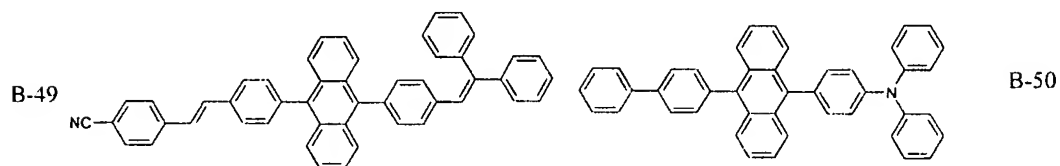
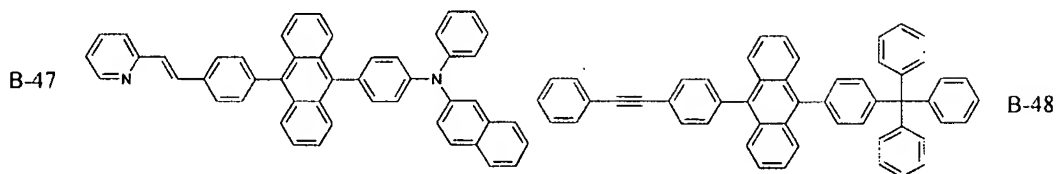












Serial No. 10/779,875
Amendment dated November 17, 2006
Reply to Office Action of May 25, 2006

Docket No. **K-0611**